What is claimed is:

    1.   A method for retouching a photographed image using a digital camera comprising step (a) and step (b) wherein step (a) comprises recognizing an image region which is to be retouched in the photographed image, and step(b) comprises retouching the recognized image region,

    wherein steps (a) and (b) are performed on the digital camera.

    2.   The method of claim 1, wherein step (b) retouches the recognized image region by blurring the image.

    3.   The method of claim 1, wherein step (b) comprises:

    (a) forming a first filter window having a size of the recognized image region;

    (b) disposing the first filter window on an image region having color information similar to that of the recognized image region;

    (c) copying the image region on which the first filter window is disposed;

    (d) disposing the first filter window having color information of the copied image region on the recognized image region; and

    (e) substituting the color information of the recognized image region with the color information of the copied image region included in the first filter window.

    4.   The method of claim 3, wherein step (b) further comprises recognizing a peripheral image region including the substituted image region after substituting the color information of the recognized image region with the color information of the copied image region included in the first filter window, and blurring the recognized peripheral image region.

    5.   The method of claim 1 further comprising expanding the recognized image region after performing step (a), the expanded image region being retouched in step (b).

    6.   The method of claim 5, wherein step (b) further comprises recognizing a detailed retouch region in the expanded image region and blurring the recognized detailed retouch region.

    7.   The method of claim 5, wherein step (b) further comprises:

    (a) forming a second filter window having the same size as the detailed retouch region in the expanded image region;

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(b) disposing the second filter window on an image region having color information similar to that of the detailed retouch region;

(c) copying the image region on which the second filter window is disposed;

(d) disposing the second filter window having color information of the copied image region on the detailed retouch region; and

(e) substituting the color information of the detailed retouch region on which the second filter window is disposed with the color information of the copied image region.

8.   The method of claim 7, wherein step (b) further comprises recognizing a peripheral image region containing the substituted detailed retouch region after substituting the color information of the detailed retouch region on which the second filter window is disposed with the color information of the copied image region, and blurring the recognized peripheral image region.

9.   An apparatus for retouching a photographed image using a digital camera, comprising:

a region recognition unit for recognizing an image region which is to be retouched in the photographed image and outputting the recognized image region; and

a region retouch unit for retouching the recognized image region input from the region recognition unit, and outputting the retouched result,

wherein the region recognition unit and the region retouch unit is located on the digital camera.

10.   The apparatus of claim 9, wherein the region retouch unit blurs the recognized image region and outputs the blurred image region.

11.   The apparatus of claim 9, wherein the region retouch unit comprises:

a filter window forming unit for forming a first filter window having the same size as the recognized image region and outputting the formed first filter window;

a filter window moving unit for moving the first filter window input from the filter window forming unit on a screen of the digital camera and outputting the moved result;

a region copying unit for copying the image region on which the first filter window is disposed in response to receiving of the moved result of the first filter window, and outputting the copied image region; and

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a color information substituting unit for substituting the color information of the recognized image region with that of the copied image region in response to receiving of the moved result of the first filter window including the copied image region from the filter window moving unit, and outputting the substituted image region.

12.   The apparatus of claim 11, wherein the filter window forming unit forms windows having several selective sizes.

13.   The apparatus of claim 11, wherein the region retouch unit further comprises:

a peripheral region recognizing unit for recognizing a peripheral image region including the substituted image region in response to receiving of the substituted image region from the color information substituting unit, and outputting the recognized peripheral image region; and

a peripheral region blurring unit for blurring the recognized peripheral image region input from the peripheral region recognizing unit, and outputting the blurred peripheral image region.

14.   The apparatus of claim 9 further comprising a region expanding unit for expanding the recognized image region input from the region recognition unit and outputting the expanded image region, wherein the region retouch unit retouches the expanded image region input from the region expanding unit and outputs the retouched image region.

15.   The apparatus of claim 14, wherein the region retouch unit comprises:

a detailed retouch region recognizing unit for recognizing the detailed retouch region in the expanded image region and outputting the recognized detailed retouch region; and

a detailed retouch region blurring unit for blurring the detailed retouch region input from the detailed retouch region recognizing unit and outputting the blurred detailed retouch region.

16.   The apparatus of claim 14, wherein the region retouch unit comprises:

a filter window forming unit for forming a second filter window having the same size as the detailed retouch region in the expanded image region and outputting the formed second filter window;

a filter window moving unit for moving the second filter window inputted from the filter window forming unit on a screen of the digital camera, and outputting the moved result;

a region copying unit for copying the image region on which the second filter window is disposed in response to receiving of the moved result of the second filter window, and outputting the copied image region; and

a color information substituting unit for substituting the color information of the detailed retouch region with the color information of the copied image region in response to receiving of the moved result of the second filter window having the copied image region from the filter window moving unit, and outputting the substituted image region.

17.   The apparatus of claim 16, wherein the filter window forming unit forms several windows having selective sizes.

18.   The apparatus of claim 16, wherein the region retouch unit further comprises:

a peripheral region recognizing unit for receiving the substituted image region from the color information substituting unit, recognizing a peripheral image region including the substituted image region, and outputting the recognized peripheral image region; and

a peripheral region blurring unit for blurring the peripheral image region input from the peripheral region recognizing unit and outputting the blurred peripheral image region.